Technical sheet :

MXT 840 P

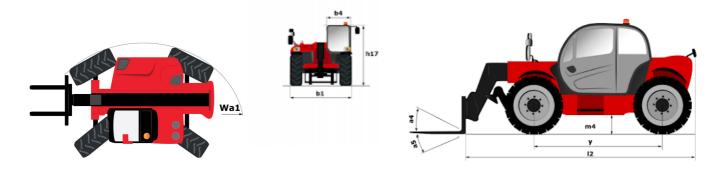




| Capacities | Metric | |
|--|--|------------|
| Max. capacity | 4000 kg | |
| Max. lifting height | 7.60 m | |
| Maximum outreach | 4.23 m | |
| Weight and dimensions | | |
| Overall length to carriage | l11 4.67 m | |
| Length to face of forks | l2 4.85 m | |
| Overall width | b1 2.38 m | |
| Overall height | h17 2.59 m | |
| Wheelbase | y 2.58 m | |
| Ground clearance | m4 380 mm | |
| Overall cab width | b4 0.85 m | |
| Tilt-up angle | a4 12 ° | |
| Tilt-down angle | a5 134 ° | |
| External turning radius (over tyres) | Wa1 3.90 m | |
| Unladen weight (with forks) | 8260 kg | |
| Overall weight | 8140 kg | |
| Tires type | Inflatable | |
| Standard tires | BKT 16.0/70-20 14PR- EM936 SF | PL |
| Forks length / width / section | l / e / s 1200 mm x 125 mm x 50 mm | |
| Performances | | |
| Lifting | 13 s | |
| Lowering | 9 s | |
| Extension | 9 s | |
| Retraction | 6.10 s | |
| | | |
| Crowd | 4.30 s | |
| Dump | 3.20 s | |
| Engine | | |
| Engine brand | Perkins | |
| Engine norm | Stage IIIA | |
| Max. fuel sulphur content | 5000 ppm | |
| Engine model | 1104D-44T | |
| Number of cylinders / Capacity of cylinders | 4 - 4400 cm ³ | |
| I.C. Engine power rating - Power | 94 Hp / 70 kW | |
| Max. torque / Engine rotation | 392 Nm @ 1400 mm | |
| Drawbar pull | 7800 daN | |
| Drawbar pull (Laden) | 7800 daN | |
| Transmission | | |
| Transmission type | Torque converter | |
| Number of gears (forward / reverse) | 4 / 4 | |
| Max. travel speed | 28 km/h | |
| Max. travel speed (may vary according to applicable regulations) | 28 km/h | |
| Parking brake | Oil-Immersed Multi-Disc Braking front an | nd rear Ax |
| Service brake | Hydraulic rear & front | |
| Hydraulics | | |
| Hydraulic pump type | Gear pump | |
| Hydraulic flow / Pressure | 86.40 l/min-250 bar | |
| | 80.40 I/IIIII-230 Dai | |
| Tank capacities | 11 50 1 | |
| Engine oil | 11.50 | |
| Hydraulic oil | 120 | |
| Hydraulic tank capacity | 151 | |
| Fuel tank | 78.50 l | |
| Noise and vibration | | |
| Noise at driving position (LpA) | 92 dB | |
| Noise to environment (LwA) | 110 dB | |
| Vibration on hands/arms | < 2.50 m/s² | |
| Miscellaneous | | |
| Steering wheels (front / rear) | 2/2 | |
| Drive wheels (front / rear) | 2/2 | |
| Cab certification | Cabin ROPS - FOPS level 2 | |
| Controls | Monolever | |

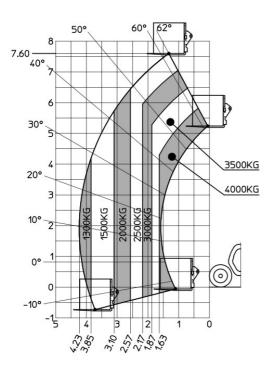
| 2 4.85 m 1 2.38 m 7 2.59 m 4 380 mm 4 0.85 m 4 12 ° 5 134 ° 1 3.90 m 8 260 kg 8 140 kg 1 nflatable BKT 16.0/70-20 14PR- EM936 SPL | |
|---|---|
| 7.60 m 4.23 m 1 2 4.85 m 1 2.38 m 1 2.38 m 1 2.59 m 4 380 mm 4 0.85 m 4 12° 5 134° 3.90 m 8260 kg 8140 kg Inflatable BKT 16.0/70·20 14PR-EM936 SPL 13 s 9 s 6.10 s 3.20 s 13 s 9 s 6.10 s 3.20 s 1104D-44T 4.400 cm³ 94 Hp / 70 kW 392 Nm @ 1400 pm 7800 daN 7800 daN 7800 daN 7800 daN 7800 daN 6ear pump 86.40 l/min-250 bar 92 dB 110 dB 92 dB 110 dB <2/50 m/s³ | Metric |
| 4.23 m 1 2 4.67 m 2 4.85 m 1 2.38 m 17 2.59 m y 2.58 m 44 380 mm 4 12° 5 1380 mm 4 12° 5 134° 1390 m 8260 kg 8140 kg Inflatable BKT 16.0/70-20 14PR- EM936 SPL 13 s 9 s 6.10 s 13 s 9 s 6.10 s 4.30 s 3.20 s 9 s 6.10 s 1104D-44T 4.400 cm³ 94 hp /70 kW 392 Nm @ 1400 rpm 7800 daN 7800 daN 7800 daN 7800 daN 7800 daN 780 da 780 da 11.50 I 120 I | 4000 kg |
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| 2 4.85 m 11 2.38 m 17 2.59 m y 2.58 m 14 380 mm 14 0.85 m 14 12 ° 5 134 ° 13 3.90 m 8260 kg 8140 kg 160200 kg 8140 kg 17 2.55 mm x 50 mm 13 s 9 s 9 s 9 s 9 s 6.10 s 4.30 s 3.20 s 10 9 s 9 s 3.20 s 1104D-44T 4.400 cm³ 94 Hp / 70 kW 392 Nm @ 1400 rpm 7800 daN 7800 daN 7800 daN 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 120 I 15 I 120 I 15 I 120 I 15 I 78.50 I 92 dB 110 dB < 2.50 m/s² 92 dB 110 dB 2 / 2 21 I | 4.23 m |
| 2 4.85 m 11 2.38 m 17 2.59 m y 2.58 m 14 380 mm 14 0.85 m 14 12 ° 5 134 ° 13 3.90 m 8260 kg 8140 kg 160200 kg 8140 kg 17 2.55 mm x 50 mm 13 s 9 s 9 s 9 s 9 s 6.10 s 4.30 s 3.20 s 10 9 s 9 s 3.20 s 1104D-44T 4.400 cm³ 94 Hp / 70 kW 392 Nm @ 1400 rpm 7800 daN 7800 daN 7800 daN 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 120 I 15 I 120 I 15 I 120 I 15 I 78.50 I 92 dB 110 dB < 2.50 m/s² 92 dB 110 dB 2 / 2 21 I | |
| 1 2.38 m 17 2.59 m 14 380 mm 14 0.85 m 14 0.85 m 4 12 ° 5 134 ° a1 3.90 m 8260 kg 8140 kg Inflatable 8140 kg BKT 16.0/70-20 14PR- EM936 SPL 1 13 s 9 s 6.10 s 4 3.20 s 9 s 6.10 s 3.20 s 9 s 6.10 s 4.30 s 3.20 s 9 s 5000 pm 11040-44T 4.4400 cm³ 94 Hp / 70 kW 392 Nm @ 1400 rpm 7800 daN 7800 daN 7800 daN 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 120 1 15 l 78.50 1 120 l 15 1 78.50 l 92 dB 110 dB 92 dB 110 dB 92 dB 110 dB 92 dB 110 dB | 4.67 m |
| 1 2.38 m 17 2.59 m 14 380 mm 4 0.85 m 4 12 ° 5 134 ° a1 3.90 m 8260 kg 8140 kg 8140 kg 115 mm x 50 mm 8140 kg 13 s 9 s 10 s 4.30 s 3.20 s 3.20 s 100 pm 1104D-44T 4.400 cm³ 94 Hp / 70 kW 392 Nm @ 1400 rpm 7800 daN 7800 daN 7800 daN 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 120 I 15 I 120 I 15 I 120 I 15 I 78.50 I 92 dB 92 dB 110 dB 92 dB 110 dB 92 dB 110 dB 92 dB 110 dB 2 / 2 2 / | 4.85 m |
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| 44 380 mm 44 0.85 m 4 12 ° 5 134 ° a1 3.90 m 8260 kg 8140 kg Inflatable BKT 16.0/70-20 14PR- EM936 SPL EKT 16.0/70-20 14PR- EM936 SPL 9 s 9 s 9 s 9 s 9 s 9 s 9 s 6.10 s 4.30 s 3.20 s 9 s 9 s 3.20 s 9 s 3.20 s 9 s 9 s 1040-44T 4.30 s 3.20 s 9 s 1040 cm³ 94 Hp / 70 kW 392 Nm @ 1400 rpm 7800 daN 7800 daN 7800 daN 7800 daN 28 km/h 28 km/h 28 km/h 28 km/h 28 km/h 11.50 l 120 l 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB <2.50 m/s² 92 dB 110 dB <2.50 m/s² | |
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| 4 12 ° 5 134 ° a1 3.90 m 8260 kg 8140 kg Inflatable 8140 kg BKT 16.0/70-20 14PR- EM936 SPL 8 2 1200 mm x 125 mm x 50 mm 9 s 9 s 9 s 9 s 6.10 s 4.30 s 3.20 s 3.20 s 9 s 5000 pm 11040-44T 4.400 cm³ 94 Hp / 70 kW 392 Nm @ 1400 rpm 7800 daN 7800 daN 7800 daN 7800 daN 9 S 6.01 /min-250 bar 9 Gear pump 86.40 l/min-250 bar 9 Gear pump 86.40 l/min-250 bar 9 2 dB 110 dB 10 2 / 2 110 dB | |
| 5 134 * a1 3.90 m 8260 kg 8140 kg Inflatable BKT 16.0/70-20 14PR- EM936 SPL BKT 16.0/70-20 14PR- EM936 SPL 9 s 2 1200 mm x 125 mm x 50 mm 9 s 9 s 6.10 s 4.30 s 3.20 s 9 s 6.10 s 3.20 s 9 s 5000 pm 11040-44T 4.400 cm³ 94 Hp / 70 kW 392 Nm @ 1400 rpm 7800 daN 7800 daN 7800 daN 7800 daN 9 s 6.01 rpm 7800 daN 7800 daN 9 s 6.01 rpm 9 s 7800 daN 9 s 7800 daN 9 s 7800 daN 9 s 7800 daN 9 s 86.40 l/min-250 bar 9 s 11.50 l 120 l 15 l 13 s 92 dB 110 dB < 2.50 m/s² 9 2 dB 110 dB 10 d 2 / 2 | |
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| 8140 kg Inflatable BKT 16.0/70-20 14PR- EM936 SPL BKT 16.0/70-20 14PR- EM936 SPL 1200 mm x 125 mm x 50 mm 9 s 9 s 9 s 9 s 9 s 9 s 9 s 6.10 s 4.30 s 3.20 s 0 Perkins Stage IIIA 5000 ppm 11040-44T 4 - 4400 cm³ 94 Hp / 70 kW 392 Nm @ 1400 rpm 7800 daN 7800 daN 7800 daN 7800 daN 601-Immersed Multi-Disc Braking front and rear Ax Hydraulic rear & front 9 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB 92 dB 110 dB 92 dB 110 dB 2.50 m/s² | 3.90 m |
| Inflatable BKT 16.0/70-20 14PR: EM936 SPL BKT 16.0/70-20 14PR: EM936 SPL I200 mm x 125 mm x 50 mm 9 s 9 s 9 s 9 s 9 s 9 s 6.10 s 4.30 s 3.20 s Perkins Stage IIIA 5000 ppm 1104D-44T 4 · 4400 cm³ 94 Hp / 70 kW 392 Mm @ 1400 rpm 7800 daN 7800 daN 7800 daN 7800 daN 7800 daN 601-Immersed Multi-Dise Braking front and rear Ax Hydraulic rear & front 94 Hp / 70 kW 392 km/h 01-Immersed Multi-Dise Braking front and rear Ax Hydraulic rear & front 94 Hp / 720 km/h 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB 92 dB 110 dB 2 / 2 | 8260 kg |
| BKT 16.0/70-20 14PR- EM936 SPL 1200 mm x 125 mm x 50 mm 13 s 9 s 9 s 6.10 s 4.30 s 3.20 s Perkins Stage IIIA 5000 ppm 1104D-44T 4 - 4400 cm³ 94 Hp / 70 kW 392 Nm @ 1400 rpm 7800 daN 7800 daN 7800 daN 7800 daN 7800 daN 601-Immersed Multi-Disc Braking front and rear Ax Hydraulic rear & front 11.50 I 120 I 15 I 78.50 I 92 dB 110 dB 22 dB 110 dB 22 / 2 | 8140 kg |
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| 7800 daN Torque converter 4 / 4 28 km/h 28 km/h 28 km/h 0il-Immersed Multi-Disc Braking front and rear Ax Hydraulic rear & front Gear pump 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB <2.50 m/s² 2 2 2 2 3 3 4 4 4 4 4 4 4 4 4 4 5 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 </th <th>392 Nm @ 1400 rpm</th> | 392 Nm @ 1400 rpm |
| Torque converter 4 / 4 28 km/h 28 km/h 28 km/h 0il-Immersed Multi-Disc Braking front and rear Ax Hydraulic rear & front Gear pump 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB < 2.50 m/s² | |
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| 4 / 4 28 km/h 28 km/h 0il-Immersed Multi-Disc Braking front and rear Ax Hydraulic rear & front Gear pump 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB < 2.50 m/s ² | |
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| 28 km/h Oil-Immersed Multi-Disc Braking front and rear Ax Hydraulic rear & front Gear pump 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB < 2.50 m/s ² | 4 / 4 |
| Oil-Immersed Multi-Disc Braking front and rear Ax Hydraulic rear & front Gear pump 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB < 2.50 m/s ² | 28 km/h |
| Oil-Immersed Multi-Disc Braking front and rear Ax Hydraulic rear & front Gear pump 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB < 2.50 m/s ² | 28 km/h |
| Hydraulic rear & front Gear pump 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB < 2.50 m/s ² | Oil-Immersed Multi-Disc Braking front and rear Axle |
| Gear pump 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB < 2.50 m/s ² | |
| 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB < 2.50 m/s ² 2 / 2 | , |
| 86.40 l/min-250 bar 11.50 l 120 l 15 l 78.50 l 92 dB 110 dB < 2.50 m/s ² 2 / 2 | Gear numn |
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| 15 78.50 92 dB 110 dB < 2.50 m/s ² | |
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| 92 dB 110 dB < 2.50 m/s ² 2 / 2 | |
| 110 dB < 2.50 m/s² 2 / 2 | /8.501 |
| 110 dB < 2.50 m/s² 2 / 2 | |
| < 2.50 m/s² 2 / 2 | |
| 2/2 | 110 dB |
| | < 2.50 m/s² |
| | |
| | 2/2 |
| | |
| Cabin ROPS - FOPS level 2 | |
| Monolever | |
| Cabin ROPS - FOPS level 2 | Cabin ROPS - FOPS level 2 |

MXT 840 P - Dimensional drawing



MXT 840 P - Load chart

Machine on tires with forks Metric





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